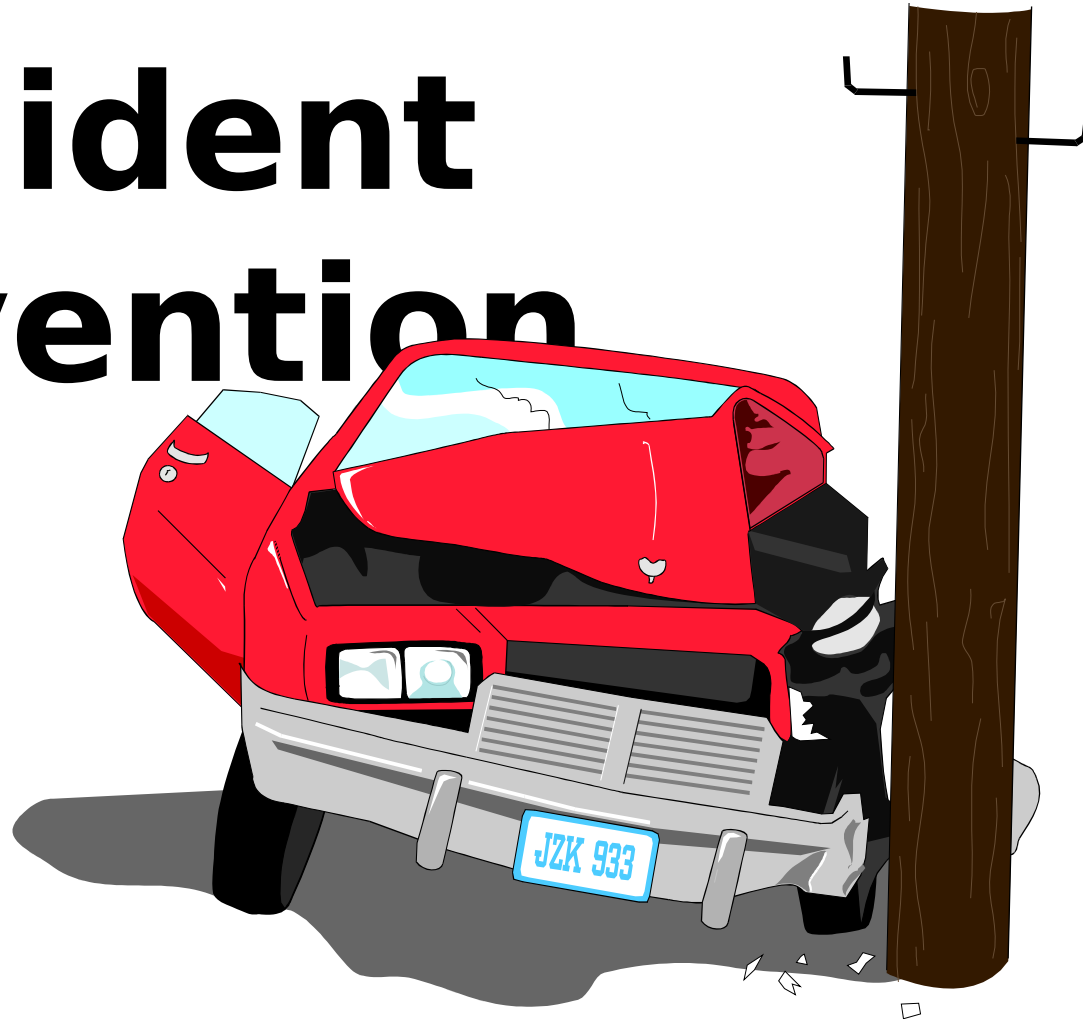


Motor vehicle accident prevention



Your vehicle

- maintaining your vehicle

Periodic servicing -

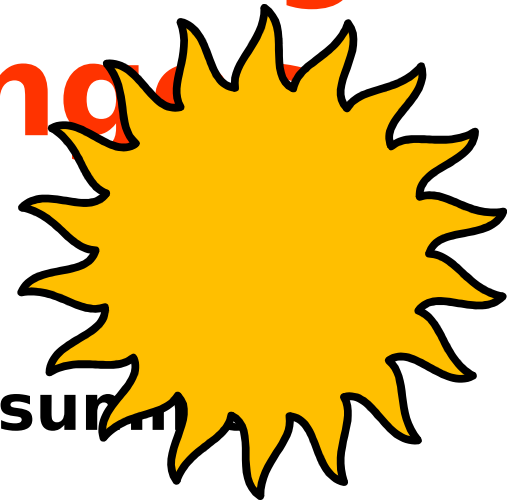
oil / lubrication / engine / radiator / transmission

tire inspection and rotation

front end alignment

windshield clean / clear of

Your vehicle preparing for seasonal change

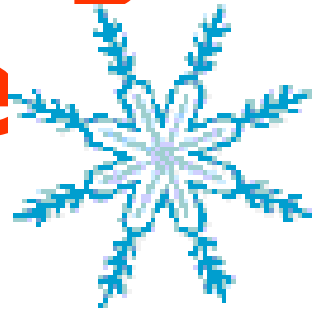


Summer

Ensure vehicle is ready to face the summer heat

- **radiator fluid is checked and serviceable**
- **hoses are inspected for holes / leaks and cracks**
- **fan belts and serpentine belts checked for serviceability, i.e. wear and cracks**
- **windshield free from obstructions and cracks**
- **tires have proper tread (additional concerns with heat and dryness if driving on dry roads)**

Your vehicle preparing for seasonal change



Winter

Ensure vehicle is ready for harsh winter temperatures

- radiator fluid is checked and serviceable**
- hoses are inspected for holes / leaks and cracks**
- fan belts and serpentine belts checked for serviceability, i.e. wear and cracks**
- windshield free from obstructions and cracks (clear 360 degrees for removing frost or snow from windows)**
- tires have proper tread / seasonal tires for snow / ice**
- heater in good working order**

Your attitude toward

driving

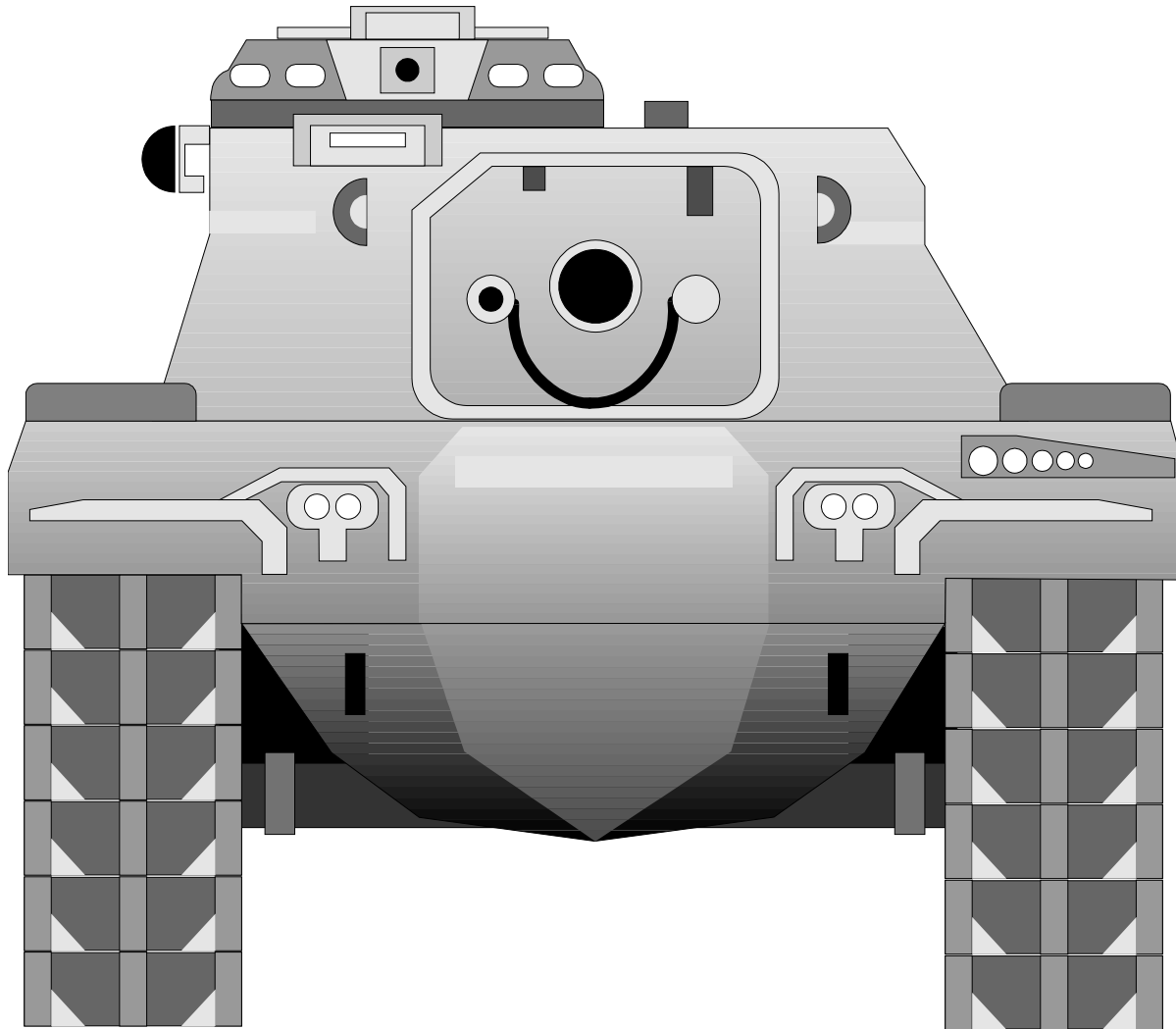
- **Following the rules of the road**

- right-of-way
- intersections
- emergency vehicles
- school buses
- hand and vehicle signals /turns
- city / county ordinances

- **being a courteous driver**

- pedestrians
- motorcycles /mopeds /bicycles riders
- trucks
- funeral processions

defensive driving



defensive driving

- **Keep your eyes moving**

- awareness of the traffic around you
- expect other drivers to make mistakes, leave yourself an out
- do not rely on traffic signals or signs , be prepared for someone running a light or sign.

- **Following other vehicles**

- follow a safe distance behind other vehicles to avoid rear-end collisions, under normal conditions use one car length for every 10 miles per hour of speed or the three second rule
- tailgated, followed too closely by another driver

Accident 12 May 99, 12:30 pm
Corner of Iowa & 4th





defensive driving

- Space to the side

- Avoid driving next to other vehicles on multi-lane roads
- keep as much space as you can between yourself and oncoming vehicles
- give extra space to pedestrians or bicycles, especially children

- stopping distance

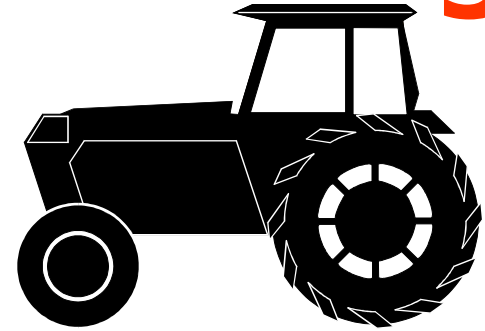
- your stopping distance equals your reaction distance plus your braking distance . At 60 mph it takes approximately 292 feet to stop on dry pavement

defensive driving

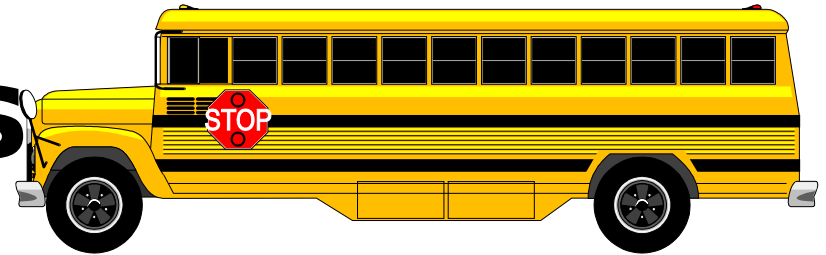
- **Letting others know what you are doing**
 - signal when you change direction , i.e. changing lanes, turning left or right, merging into traffic, or park
 - using your horn, do not use unless you have to, the purpose of the horn is to warn other drivers
 - slow poke driving, it is against the law to drive slower than the minimum posted limit, unless it is because of bad weather, heavy traffic, or bad roads
- **carbon monoxide**
 - do not drive with a defective muffler or exhaust system
 - do not leave the motor running in a garage

defensive driving

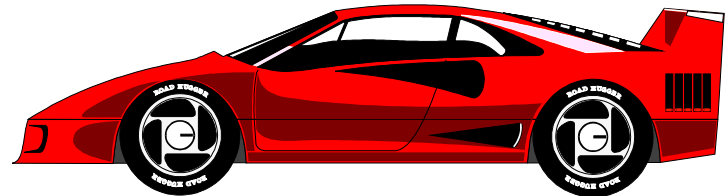
- Rural areas



- state routes



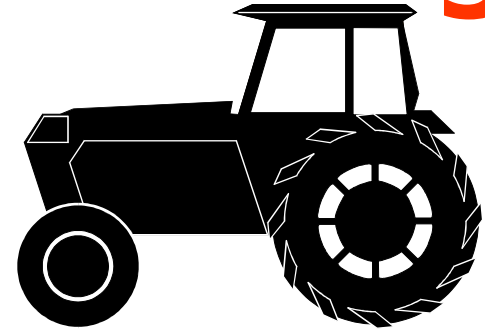
- interstates





defensive driving

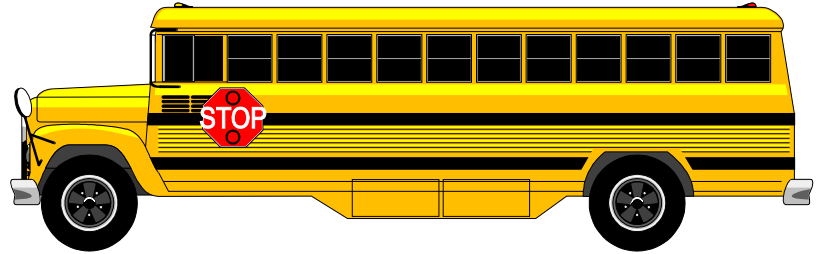
- **Rural areas**



- **Farm equipment**
- **livestock / wild animals**
- **unimproved roads**
- **minimal or no informational signs describing road conditions**
- **weather affected**
- **intoxicated drivers**

defensive driving

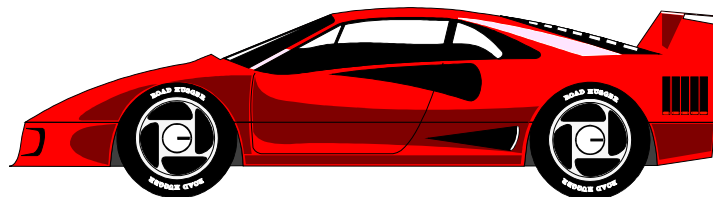
• State routes



- Two lane roads / often winding / difficult for safe passing
- direct access on to hwy from side roads
- school bus stops
- Farm equipment / semi-trucks
- livestock / wild animals
- people not following speed limits
- intoxicated / impaired drivers

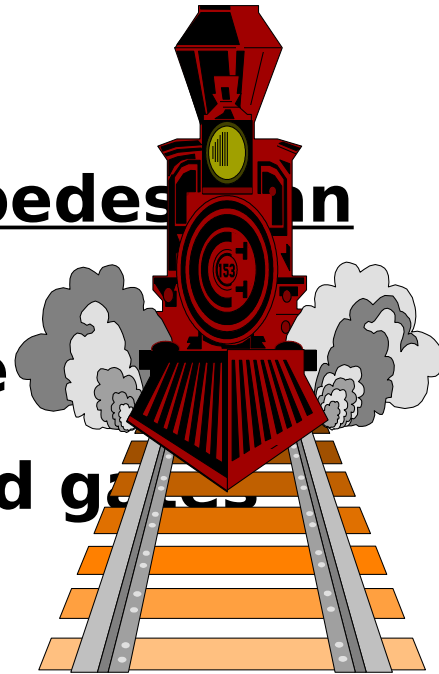
defensive driving

- **Interstate highway (speed)**
 - **Faster speed limits**
 - **semi-trucks / driving faster than set speed limits**
 - **drivers exceeding set speed limits**
 - **road construction and drivers do not slow down**
 - **weather affected / drivers continue to exceed speed limit**



RAILROAD CROSSING SAFETY

- Treat all RR crossings as a special pedestrian and vehicular hazard
- Quickly assess RR crossings before
- Never drive or walk around lowered gates
- Never race a train to a crossing
- Always watch for a second train on multiple tracks
- Increase night awareness at unguarded crossings
- Immediately evacuate vehicles stalled on the tracks



distracters

- **Cell phones**
- **passengers / kids**
- **newspapers / books / office work / make-up /
combing hair**
- **stereo to loud**

Motor vehicle ACCIDENT PREVENTION TIPS

- **Take rest breaks every two hours**
- **Start trips early in the day**
- **Allow sufficient travel time**
- **Start trip rested**
- **Avoid alcohol**
- **Drive defensively**
- **Avoid medications that cause drowsiness**
- **Avoid traveling during darkness, if at all possible**
- **Adjust speed for road, traffic, and weather conditions**

• **Leave home with a road-worthy vehicle**



FATAL, 21 yr old soldier, 5 Apr 99- 1989
Mercury Topaz